

FIG.1

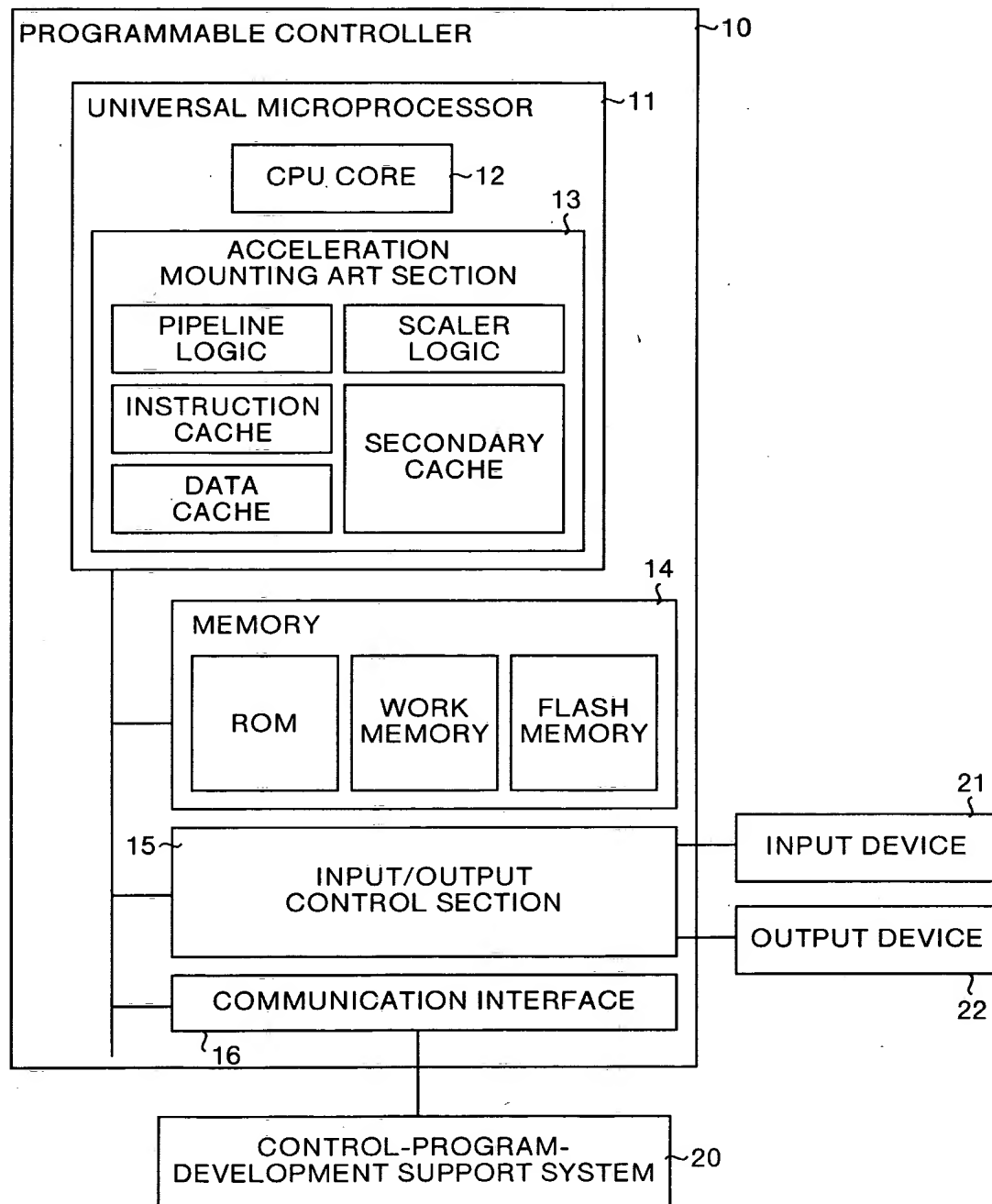


FIG.2

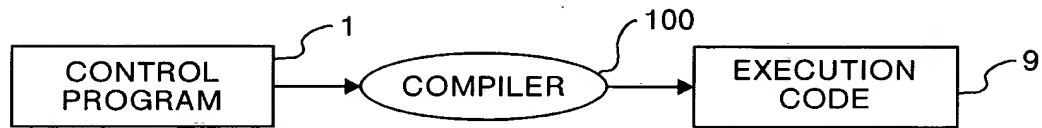


FIG.3

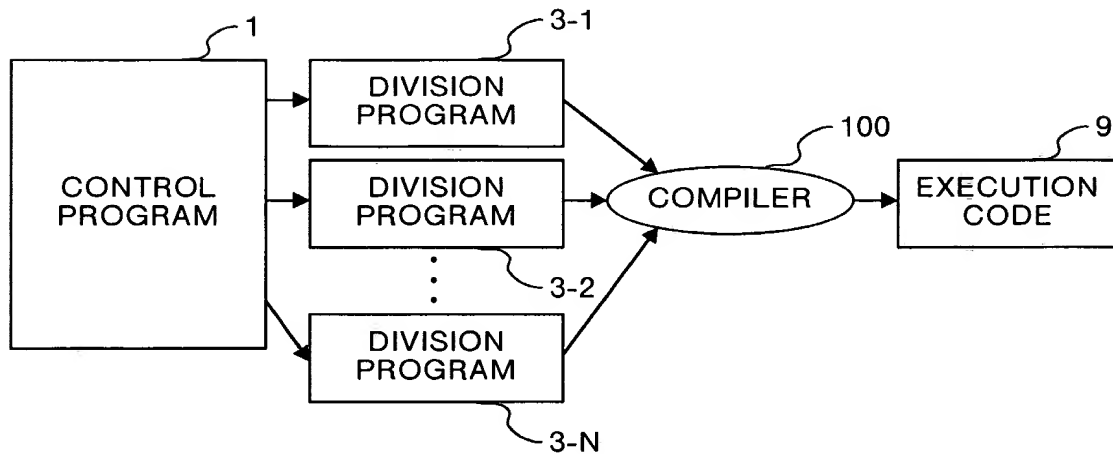


FIG.4

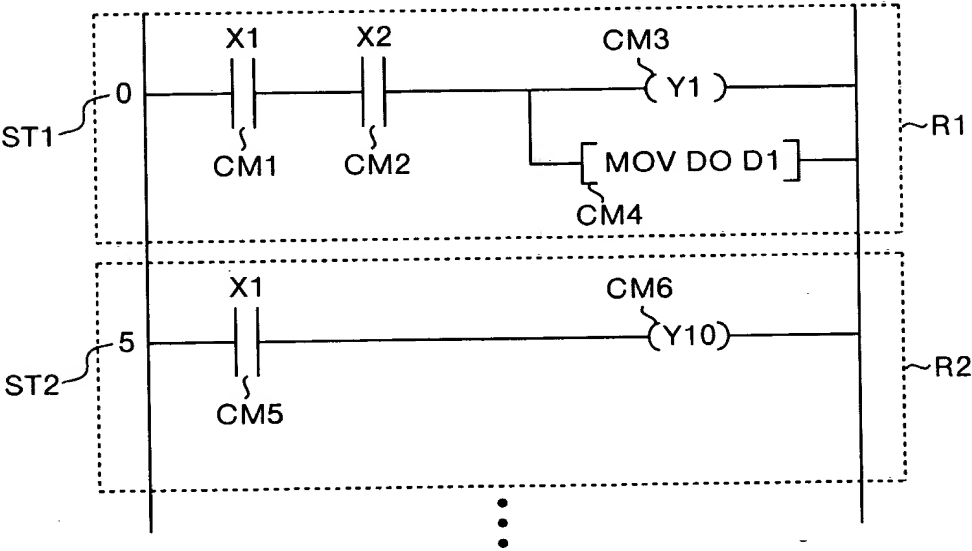


FIG.5

NUMBER OF STEPS	FILE NAME AFTER DIVISION
0~99	Control1.il
100~199	Control2.il
•	•
•	•
•	•

FIG.6

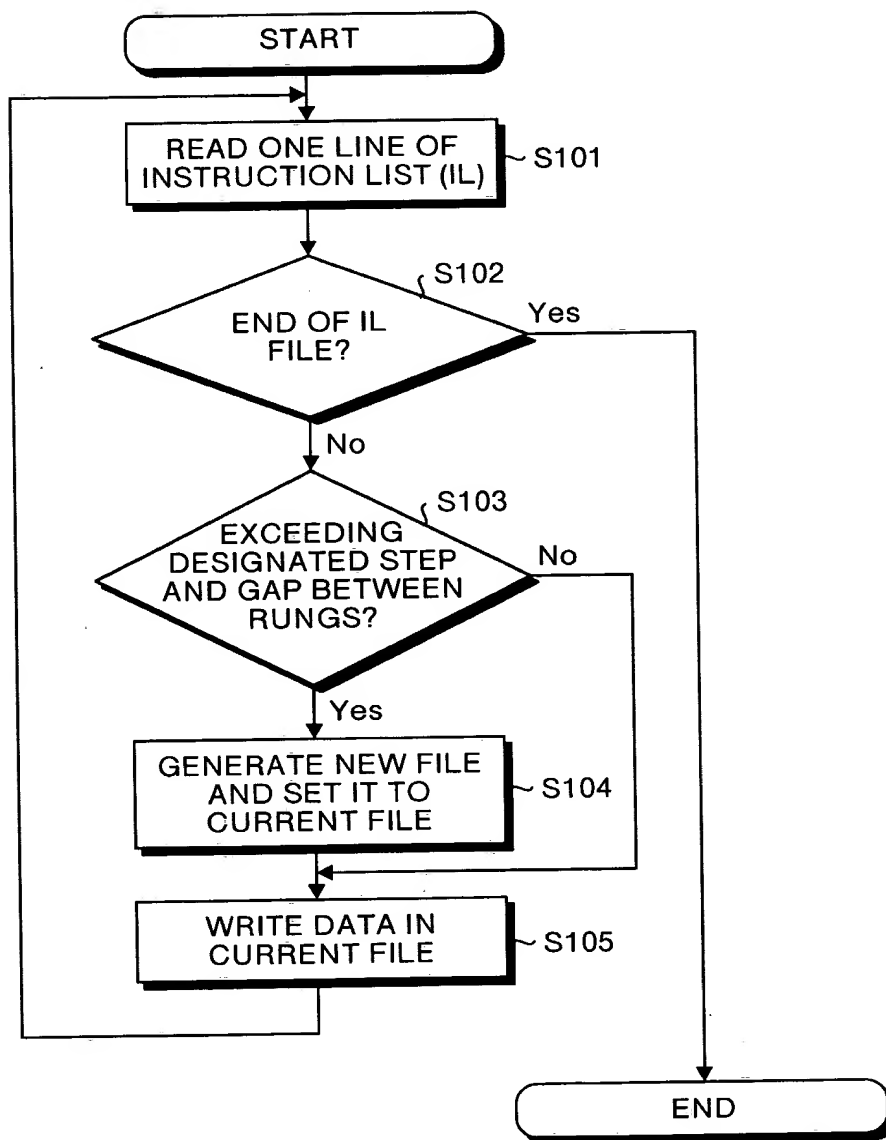


FIG.7

JUMP- DESTINATION LABEL NAME	FILE NAME AFTER DIVISION
P 1	Control1.il
P 2	Control2.il
• • •	• • •

401073/SAKAI

FIG.8

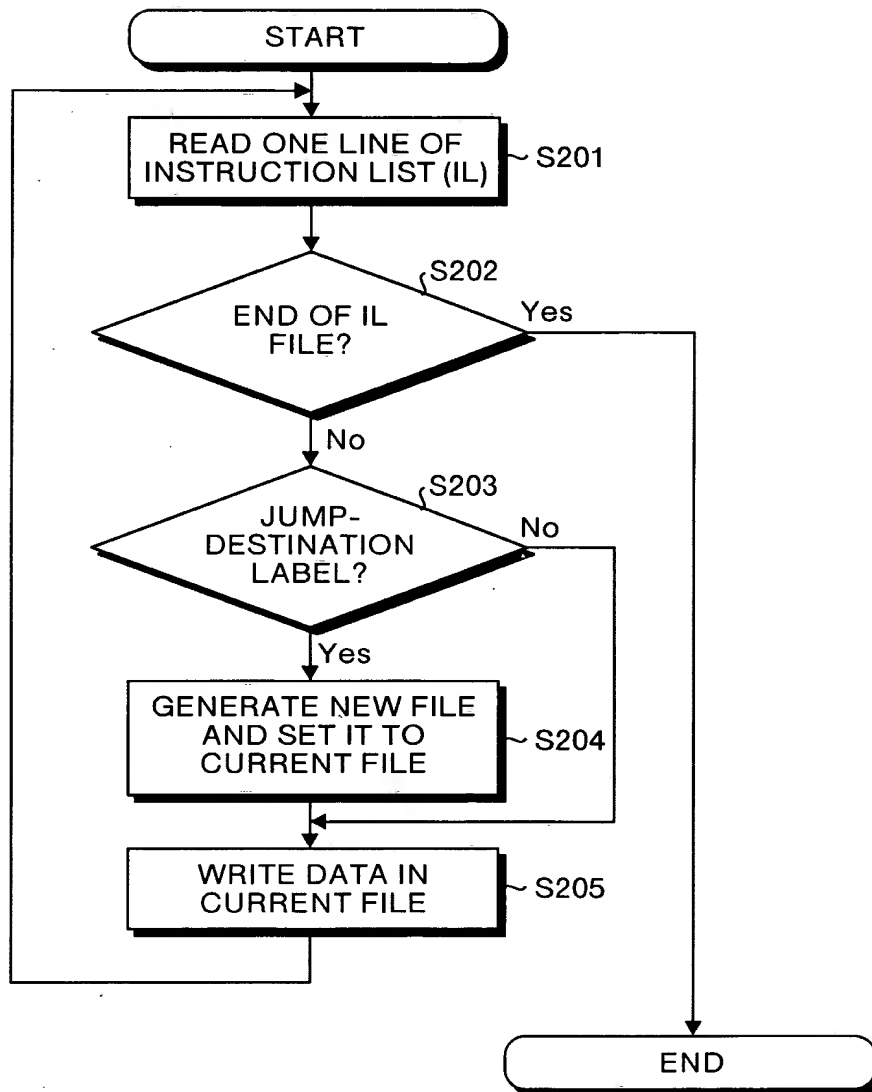


FIG.9

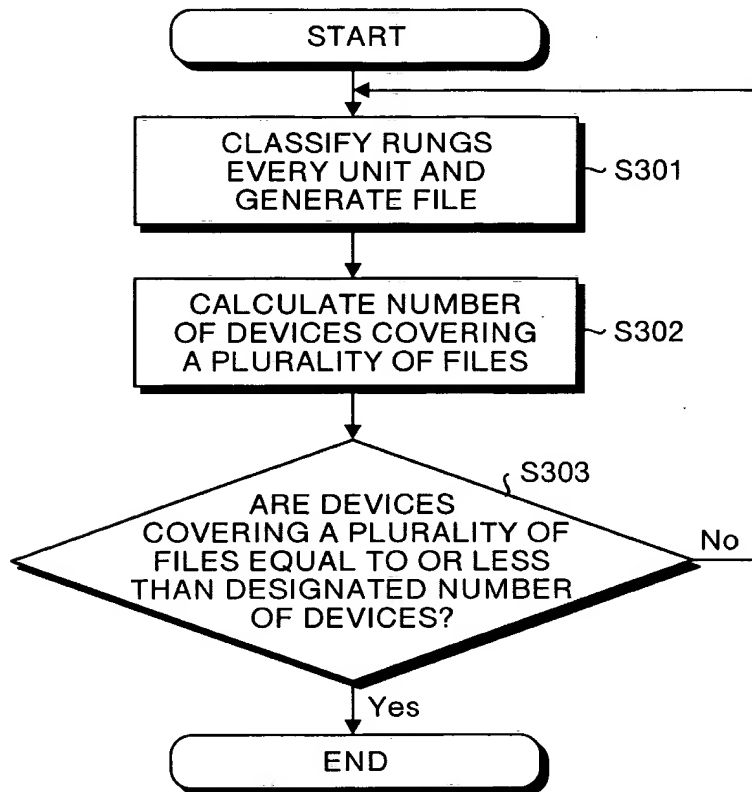


FIG.10

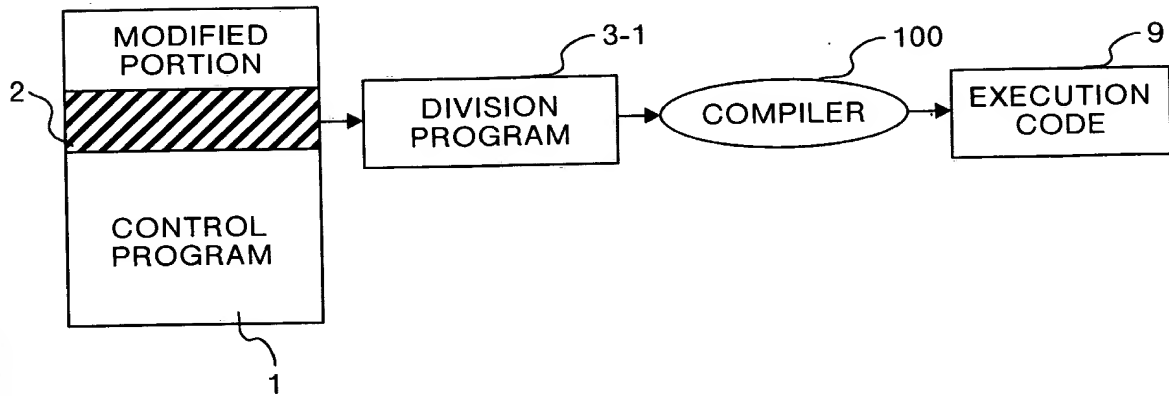


FIG.11

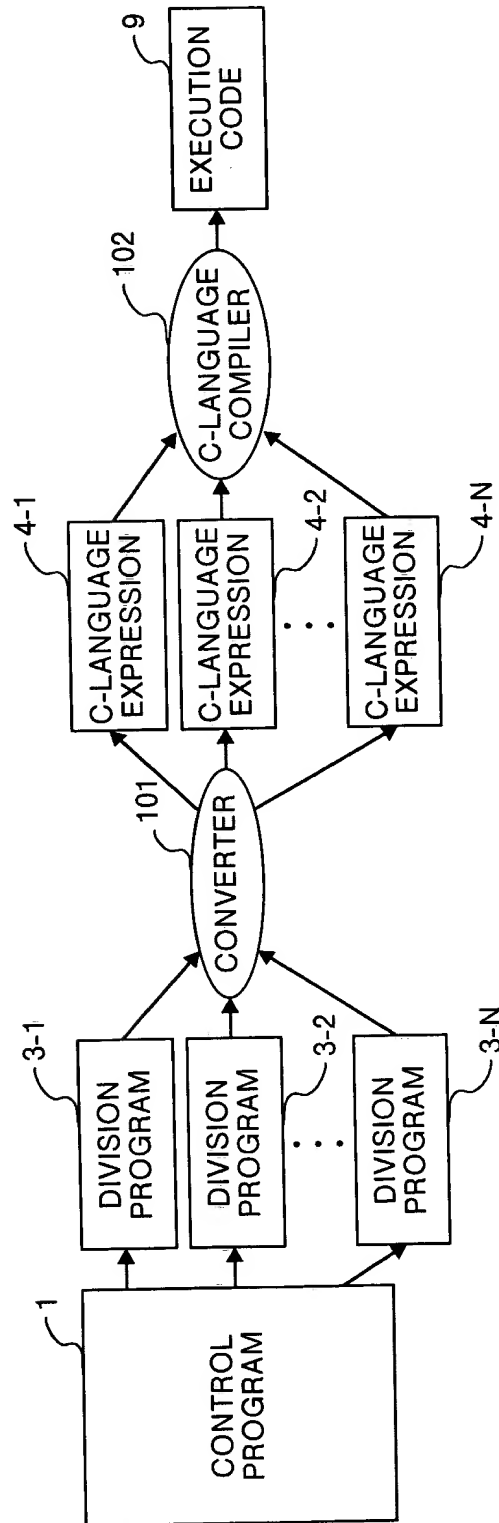


FIG.12

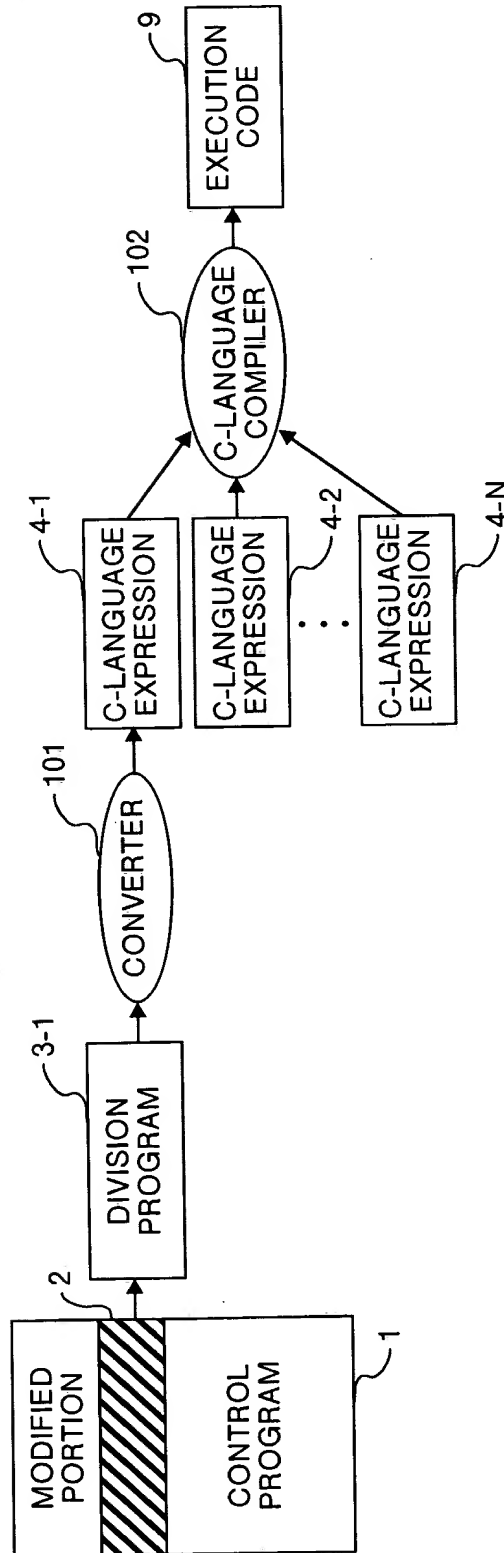


FIG.13

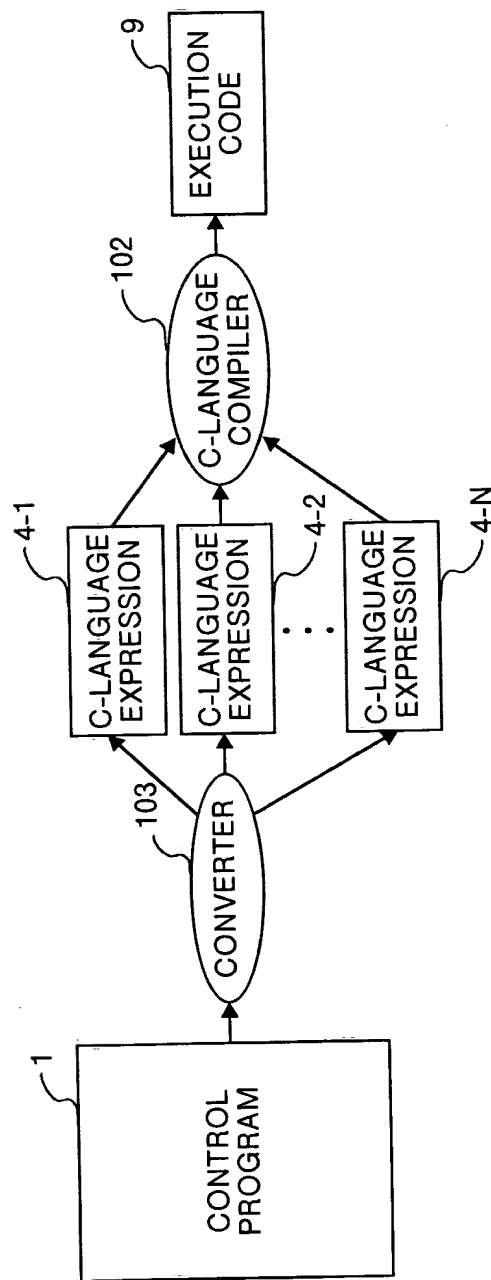


FIG.14

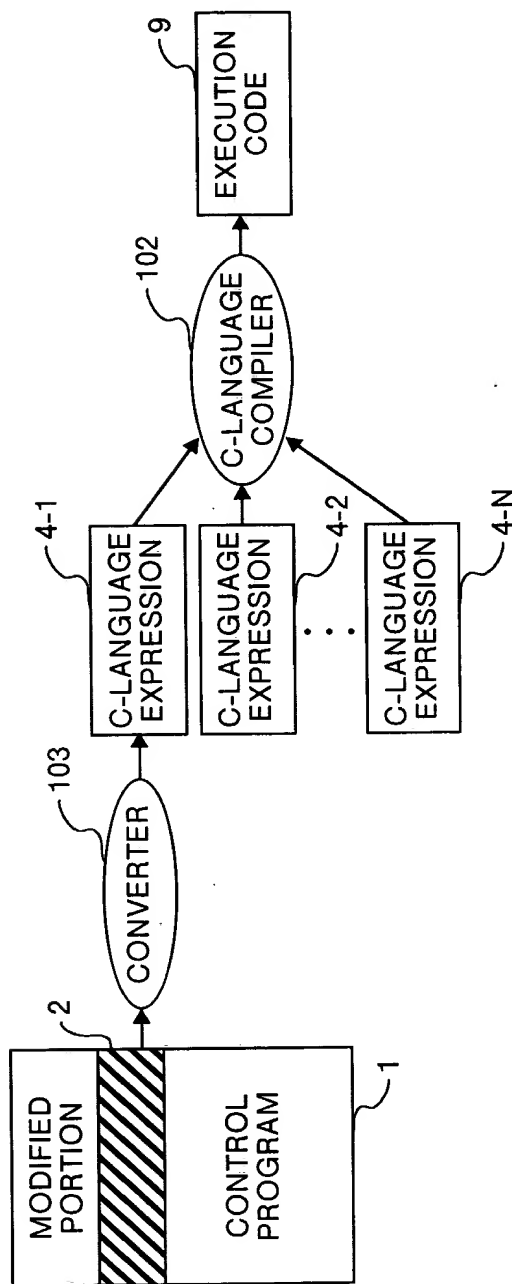


FIG.15

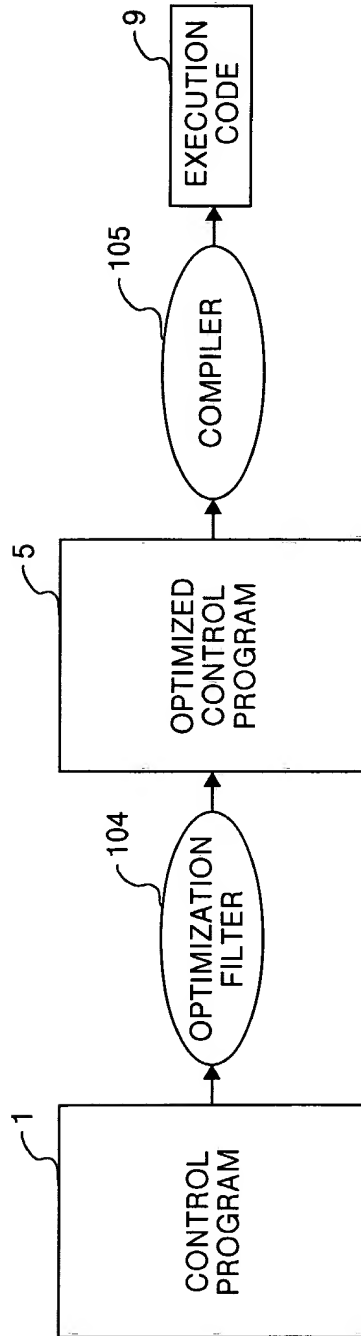


FIG.16

INSTRUCTION	SIZE (NUMBER OF STEPS)	PROCESSING TIME (msec)
LD,OUT	1K	XX
LD,AND,OUT	1K	YY
⋮	⋮	⋮
LDI,AND,OUT	10K	ZZ
⋮	⋮	⋮

FIG. 16

FIG.17

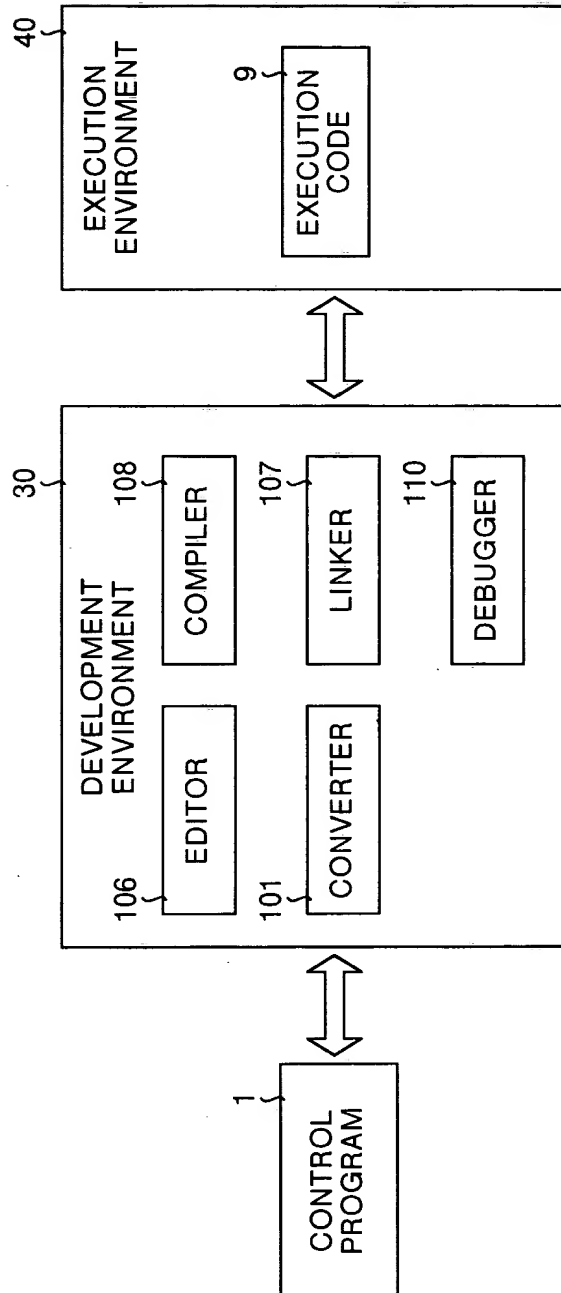


FIG.18

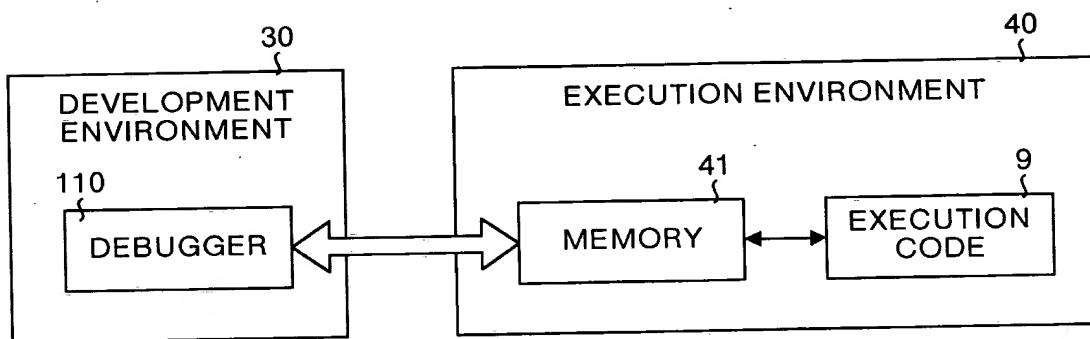


FIG.19

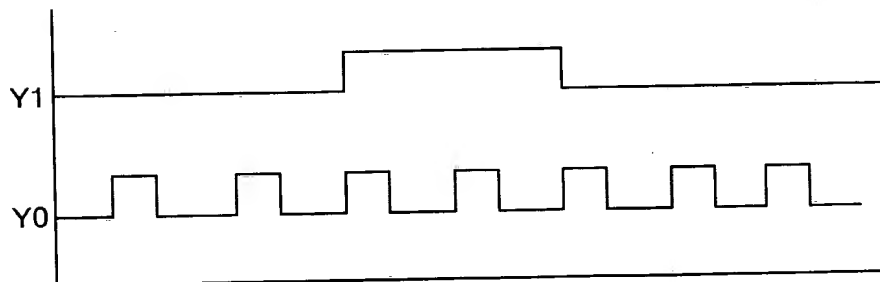


FIG.20

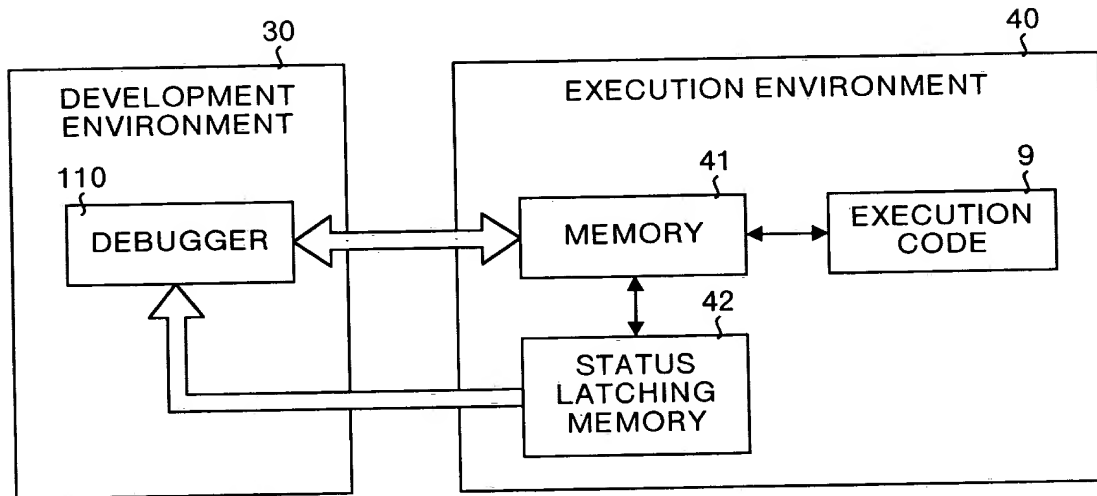


FIG.21

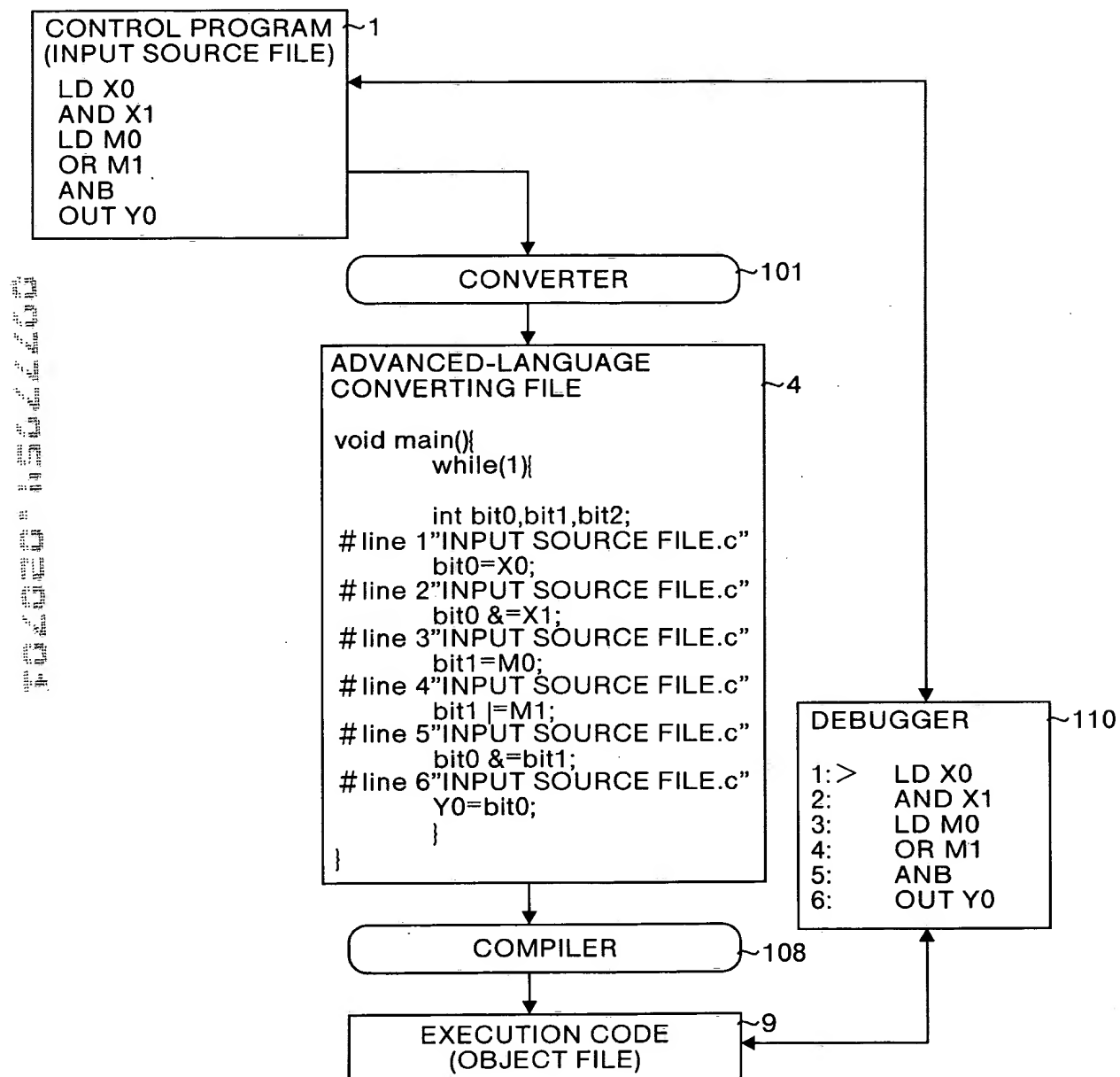


FIG.22A

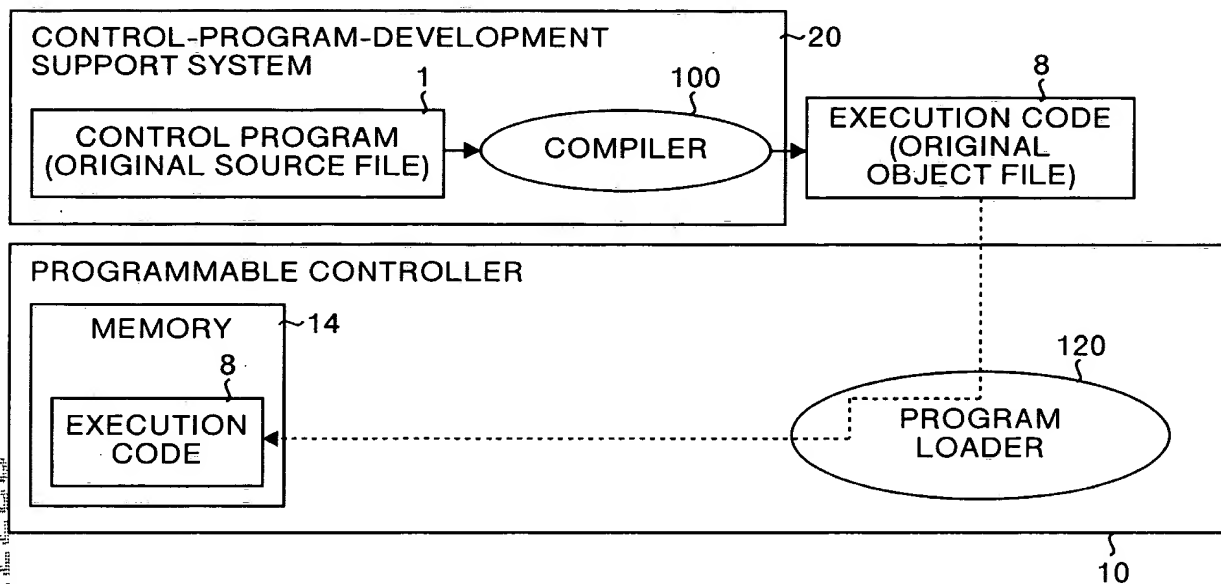


FIG.22B

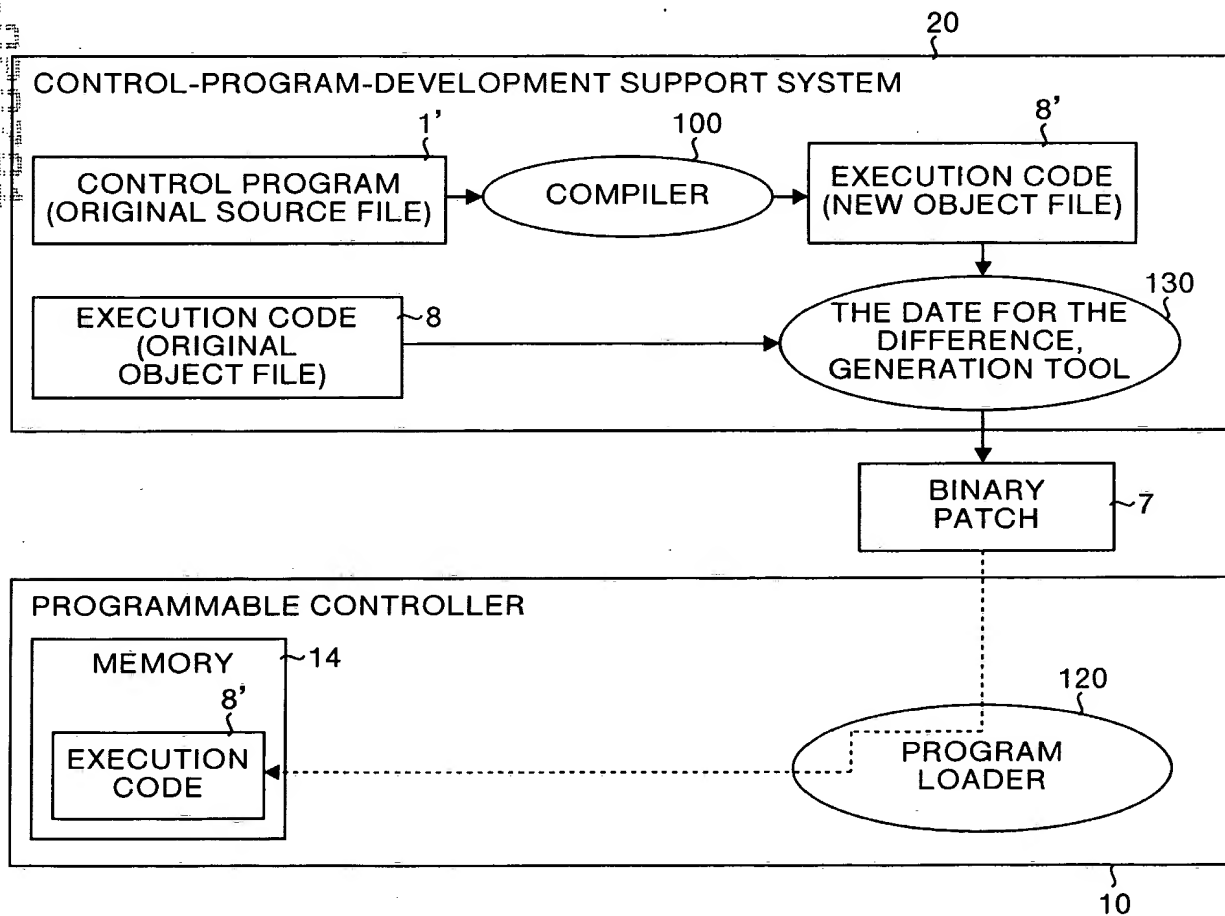


FIG.23

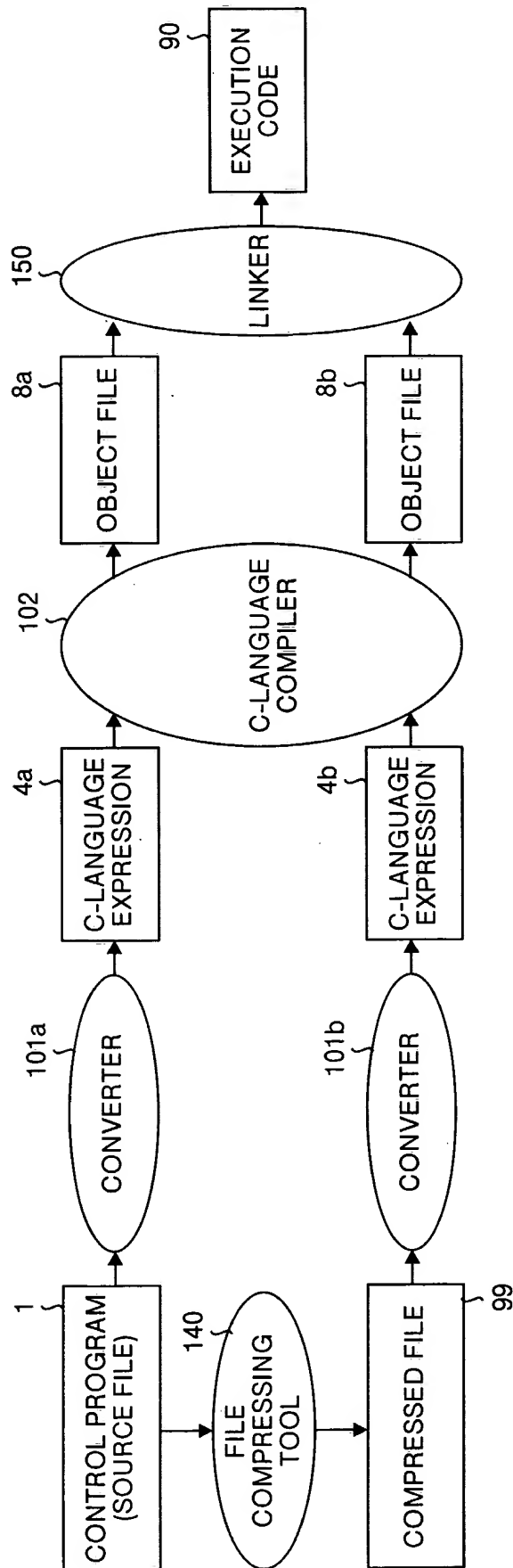


FIG.24

SOURCE FILE

LD	X0
OR	X2
LD	X1
OR	X3
ANB	
LD	X4
AND	X5
ORB	
OUT	M0
LD	X1C
MPS	
AND	M8
OUT	Y30
MPP	
OUT	Y31
LD	X1D
MPS	
AND	M9
MPS	
AND	M68
OUT	Y32
MPP	
AND	T0
OUT	Y33
MPP	
OUT	Y34

FIG. 25

FIG.25

C-LANGUAGE EXPRESSION OF COMPRESSED FILE

```
signed char* _InputSourceName="sample.il.gz";

unsigned char _InputSource[]={
    0x1f,0x8b,0x08,0x08,0x9b,0xd9,0x84,0x39,0x00,0x03,0x73,0x61,0x6d,0x70,0x6c,0x65,
    0x2e,0x69,0x6c,0x00,0xf3,0x71,0xe1,0x8c,0x30,0xe0,0xe5,0xf2,0x0f,0xe2,0x8c,0x30,
    0xe2,0xe5,0xf2,0x01,0xf2,0x0c,0x21,0x3c,0x63,0x5e,0x2e,0x47,0x8f,0x27,0x88,0x90,
    0x09,0x88,0x0d,0xaa,0x4d,0x41,0x52,0x40,0x31,0xff,0xd0,0x10,0x4e,0x5f,0x03,0xa8,
    0x72,0x67,0x5e,0x2e,0xdf,0x80,0x60,0x88,0x0a,0x5f,0x0b,0x88,0x64,0xa4,0xb1,0x01,
    0x48,0x34,0x00,0xc6,0x33,0x84,0xaa,0x75,0x41,0x56,0x6b,0x89,0xcc,0x31,0x83,0xeb,
    0x34,0x82,0xea,0x04,0x09,0x87,0x18,0xc0,0x44,0x8d,0x51,0xcc,0x03,0x3a,0x08,0x00,
    0x10,0xeb,0x7d,0x3a,0xb9,0x00,0x00,0x00};
```

FIG.26

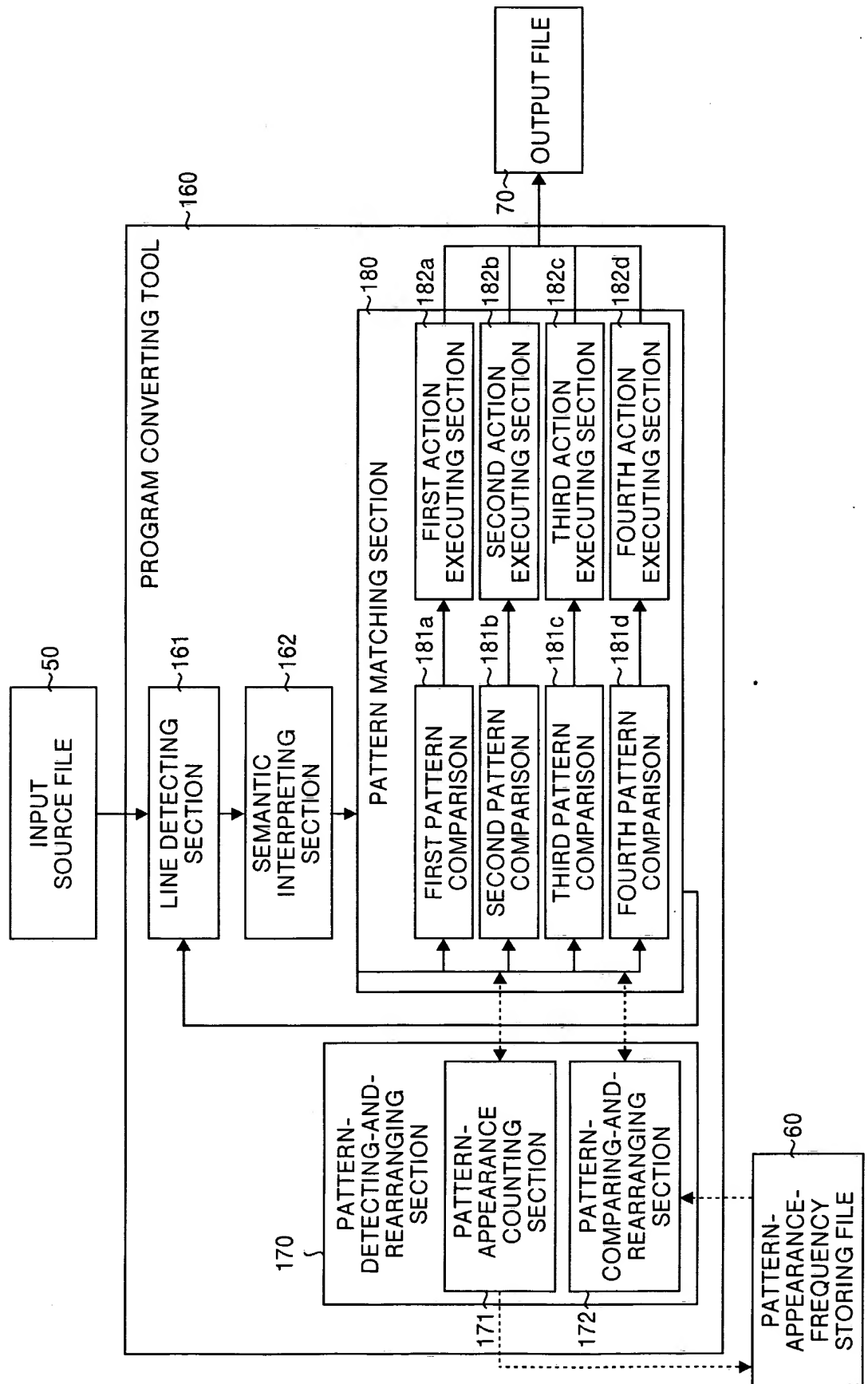


FIG.27

